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Applicant: RION CO LTD

Inventor: ITEDAN IWAO

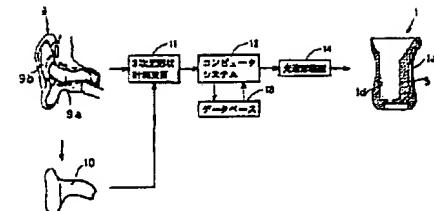
SAWAI MASASHI

PRODUCTION OF SHELL FOR EAR-
INSERTED HEARING AID

Abstract:

PROBLEM TO BE SOLVED: To facilitate work for integrating components into a shell for a hearing aid.

SOLUTION: In order to provide the shape information of the external auditory miatus 9a or the like for mounting an ear inserted hearing aid, a three-dimensional shape measuring instrument 11 measures an ear model 10 sampled by using a sealing member. Otherwise, the three-dimensional measuring instrument 11 directly measures the external auditory miatus 9a or the like. Next, the shape information of the external auditory miatus 9a or the like provided by the three-dimensional shape measuring instrument 11 and information on the shape of components to be integrated into a shell 1 for hearing aid are inputted to a computer system, and an external shape 1a or an internal shape 1d of the shell 1 for hearing aid is decided. Afterwards, the three-dimensional shape data of the external shape 1a or the internal shape 1d decided by the computer system 12 are inputted to an optical molding device 14, and the shell 1 for a hearing aid is directly produced by an optical molding method.



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